

1. Record Nr.	UNINA9910451182503321
Autore	Hills Alice <1950->
Titolo	Future war in cities [[electronic resource]] : rethinking a liberal dilemma // Alice Hills
Pubbl/distr/stampa	London, : Frank Cass, 2004
ISBN	0-429-23025-7 1-280-07723-9 0-203-32312-2
Descrizione fisica	1 online resource (320 p.)
Disciplina	355.426
Soggetti	Urban warfare Political violence Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Book Cover; Title; Copyright; Contents
Sommario/riassunto	This book is the first full-length study of a key security issue confronting the west in the twenty-first century, urban military operations - as currently being undertaken by US and UK forces in Iraq. It relates military operations in cities to the wider study of conflict and security in an era of urbanisation, expeditionary warfare and new power conflicts; its central process is urban operations, but its context is the changing security environment, whose features are revealed in conflicts within cities. Within a framework analysing conventional operations, the author identifies the c

2. Record Nr.	UNINA9910493195603321
Autore	Monlezun Dominique J.
Titolo	The global bioethics of artificial intelligence and human rights // by Dominique J. Monlezun
Pubbl/distr/stampa	Newcastle upon Tyne, England : , : Cambridge Scholars Publishing, , [2020] ©2020
ISBN	1-5275-5717-0
Descrizione fisica	1 online resource (348 pages)
Disciplina	174.90063
Soggetti	Artificial intelligence - Moral and ethical aspects Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

3. Record Nr.	UNISA996216941903316
Autore	Limnios N (Nikolaos)
Titolo	Fault trees [[electronic resource] /] / Nikolaos Limnios
Pubbl/distr/stampa	London, UK ; ; Newport Beach, CA, : ISTE, c2007
ISBN	1-280-84768-9 9786610847686 0-470-61248-7 0-470-39461-7 1-84704-580-4
Descrizione fisica	1 online resource (225 p.)
Collana	Control systems, robotics and manufacturing series
Disciplina	620.00452 620/.00452
Soggetti	Reliability (Engineering) Trees (Graph theory)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 205-219) and index.
Nota di contenuto	Fault Trees; Table of Contents; Introduction; Chapter 1 Single-Component Systems; 1.1 Distribution of failure and reliability; 1.1.1 Function of distribution and density of failure; 1.1.2 Survival function: reliability; 1.1.3 Hazard rate; 1.1.4 Maintainability; 1.1.5 Mean times; 1.1.6 Mean residual lifetime; 1.1.7 Fundamental relationships; 1.1.8 Some probability distributions; 1.2 Availability of the repairable systems; 1.2.1 Instantaneous availability; 1.2.2 Asymptotic availability; 1.2.3 Mean availability; 1.2.4 Asymptotic mean availability; 1.3 Reliability in discrete time 1.3.1 Discrete distributions 1.3.2 Reliability; 1.4 Reliability and maintenance; 1.4.1 Periodic test: repair time is negligible; 1.4.2 Periodic test: repair time is not negligible; 1.4.3 Mean duration of a hidden failure; 1.5 Reliability data; Chapter 2 Multi-Component Systems; 2.1 Structure function; 2.2 Modules and modular decomposition; 2.3 Elementary structure systems; 2.3.1 Series system; 2.3.2 Parallel system; 2.3.3 System k-out-of-n; 2.3.4 Parallel-series system; 2.3.5 Series-parallel system; 2.4 Systems with complex structure; 2.5 Probabilistic study of the systems; 2.5.1 Introduction

2.5.2 Inclusion-exclusion method; 2.5.3 Disjoint products; 2.5.4 Factorization; 2.5.5 Reliability bounds; Chapter 3 Construction of Fault Trees; 3.1 Basic ideas and definitions; 3.1.1 Graphic symbols; 3.1.2 Use of the operators; 3.2 Formal definition and graphs; 3.3 Stages of construction; 3.3.1 Preliminary analysis; 3.3.2 Specifications; 3.3.3 Construction; 3.4 Example of construction; 3.4.1 Preliminary analysis; 3.4.2 Specifications; 3.4.3 Construction; 3.5 Automatic construction; Chapter 4 Minimal Sets; 4.1 Introduction; 4.2 Methods of study; 4.2.1 Direct methods; 4.2.2 Descending methods; 4.2.3 Ascending methods; 4.3 Reduction; 4.4 Other algorithms for searching the cut sets; 4.5 Inversion of minimal cut sets; 4.6 Complexity of the search for minimal cut sets; Chapter 5 Probabilistic Assessment; 5.1 The problem of assessment; 5.2 Direct methods; 5.2.1 AND operator; 5.2.2 OR operator; 5.2.3 Exclusive OR operator; 5.2.4 k-out-of-n operator; 5.2.5 Priority-AND operator; 5.2.6 IF operator; 5.3 Methods of minimal sets; 5.3.1 Inclusion-exclusion development; 5.3.2 Disjoint products; 5.3.3 Kitt method; 5.4 Method of factorization; 5.5 Direct recursive methods; 5.5.1 Recursive inclusion-exclusion method; 5.5.2 Method of recursive disjoint products; 5.6 Other methods for calculating the fault trees; 5.7 Large fault trees; 5.7.1 Method of Modarres and Dezfuli [MOD 84]; 5.7.2 Method of Hughes [HUG 87]; 5.7.3 Schneeweiss method [SCH 87]; 5.7.4 Brown method [BRO 90]; Chapter 6 Influence Assessment; 6.1 Uncertainty; 6.1.1 Introduction; 6.1.2 Methods for evaluating the uncertainty; 6.1.3 Evaluation of the moments; 6.2 Importance; 6.2.1 Introduction; 6.2.2 Structural importance factors; 6.2.3 Probabilistic importance factors; 6.2.4 Importance factors over the uncertainty

Sommario/riassunto

Fault tree analysis is an important technique in determining the safety and dependability of complex systems. Fault trees are used as a major tool in the study of system safety as well as in reliability and availability studies. The basic methods - construction, logical analysis, probability evaluation and influence study - are described in this book. The following extensions of fault trees, non-coherent fault trees, fault trees with delay and multi-performance fault trees, are also explained. Traditional algorithms for fault tree analysis are presented, as well as more recent algorithms ba
